

ISAROV, Grigoriy Zinov'yevich; SMIRNOVA, R.N., red.izd-va; NAZAROVA, A.S.,  
tekhn.red.

[Repair it yourself] Remontiruite sami. Moskva, Izd-vo M-va  
kommun.khoz.RSFSR, 1960. 86 p. (MIRA 14:6)  
(Dwellings—Maintenance and repair)

ISAROV, G.Z.; SMIRNOVA, R.N., red.izd-va; KIENOKH, F.M., tekhn. red.

[Handbook for the technician in charge of buildings under the housing administration and the housing operation office] Pamiatka tekhnika-smotritelja zdaniy domoupravleniya i zhilishchno-okspluatatsionnoi kontory. Noskva, Izd-vo M-va Kommun.khoz. RSFSR, 1962. 58 p.

(MIRA 15:10)

(Housing management)

ISAROV, Grigoriy Zinov'yevich; YEVDOKIMOV, V.D., red.

[Engineering inspector's manual] Pamiatka tekhnika-smotritelja. 2. izd., ispr. i dop. Moskva, Stroizdat, 1964. 70 p.  
(MIRA 17:8)

NASYPAYKO, Vasiliy Mitrofanovich; ISAROV, Yuriy Terent'yevich, kand. sel'khoz. nauk; KIRICHENKO, F.G., laureat Leninskoy premii, akademik; VINNITSKIY, S., red.; MOLCHANOV, T., tekhn. red.

[Varieties and seeds; seed production of grain, pulse, and oleaginous crops in the southern Ukraine] Sort i semena; semenovodstvo zernovykh, zernobobovykh i maslichnykh kul'tur na iuge Ukrayiny. Predisl. i obshchaya red. F.G.Kirichenko. Odessa, Odesskoe knizhnoe izd-vo, 1960. 243 p.

(MIRA 14:7)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina i Ukrainskaya akademiya sel'skokhozyaystvennykh nauk (for Kirichenko)  
(Ukraine—Seed production)

YAKOVENKO, V.Ya., kand.tekhnicheskikh nauk; ISAROVA, L.Yu., nauchnyy sotrudnik

Physical and biochemical characteristics of shelled and unshelled corn harvested at various stages of ripening. Trudy VNIIZ no.38:233-242 '60. (MIRA 15:12)

1. Odesskiy tekhnologicheskiy institut imeni Stalina.  
(Corn (Maize)--Analysis and chemistry)

*L-2ATHy-6, S.I.*

5(1)

## PHASE I BOOK EXPLOITATION

SOV/1659

Akademiya nauk Kazakhskoy SSR, Alma-Ata.

*Izследovaniye fizicheskikh processov rabochego protsessa tank i pochay*  
*(Investigation of the Physical Bases of Operational Processes of*  
*Combustion Chambers and Furnaces) Alma-Ata, Izdat Ak Kazakhskoy*  
*SSR, 1957. 369 p. 500 copies printed.*

Additional Sponsoring Agency: Alma-Ata. Kazakhstani gosudarstvennyy  
 universitet im. S.M. Kirova.

Ed. (Title page): L.A. Vulis, Doctor of Technical Sciences, Professor;  
 Ed. (Inside book): D.N. Shmyrkin; Tech. Ed.: E.P. Borokina.

PURPOSE: This book is intended for a wide circle of scientists and  
 industrial engineers.

COVERAGE: The twenty-nine articles of this collection report on  
 experimental and theoretical investigations of different physical  
 phenomena which constitute an integral part of the complex  
 operational processes of modern combustion engineering equipment,  
 and also, the entire process applicable to different types of  
 burners and furnaces (cyclone combustion chamber, swirl burners,  
 burners with automatic stokers, etc.). Articles in Part I treat  
 laminar and turbulent jets of liquids and compressible gas. Part  
 II reviews methods of modeling combustion processes (light, hy-  
 drodynamic and electrical), enthalpy, temperature measurement, calo-  
 rimeter, etc. Part III relates to different problems and theories  
 of fuel combustion and special operational features of combustion  
 and furnace equipment. No personalities are mentioned.

Vulis, L.A. Jet-Flow Problems of Gas Dynamics	15
Kashikarov, R.P. Some Accurate Solutions in the Theory of Incom- pressible Liquid Jets	54
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Vulis, L.A., V.P. Kashikarov, and T.P. Losgov'eva. Investiga- tion of Complex Turbulent Jet Flows	66
Vulis, L.A., and G.I. Yudin. Turbulent Flow of an Incompre- ssible Liquid in the Vicinity of a Poorly-streamlined Body	112
Tsvetkina, N.N. Propagation of a Free Turbulent Gas Jet	125
Vulis, L.A., T.L. Mironova, and N.N. Tsvetkina. Approximate Calculation of Speed and Temperature Distribution in a	125

SOV/124-59-10-11732

Translation from: Referativnyy zhurnal, Mekhanika, 1959, No. 10, p. 94 (USSR)

AUTHOR: Isatayev, S. I.

TITLE: Experimental Investigation of the Turbulent Motion of a Liquid in  
the Wake Behind a Poorly Streamlined Body

PERIODICAL: Uch. zap. Kazakhsk. un-ta, 1957, Vol. 30, pp. 70-78

TEXT: Results of an experimental investigation of turbulence in the wake behind poorly streamlined bodies are given (plates, disks, spheres, circular and elliptic cylinders). The studies were carried out since 1952 at the Department of General Physics of the Kazan' State University (the main experiments were carried out in the Physical Aerodynamics Laboratory of the Leningrad Polytechnic). The flow picture in the wake was investigated with a Pitot tube; main consideration was given to the examination of averaged flow regularity in the wake and the determination of the structure in the zone of inverse flows behind the bodies of different shape. The results obtained are illustrated by a great number of graphs.

A. M. Yaglom

Card 1/1

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ISATAYEV, S. I., Cand of Phys-Math Sci — (diss) "Investigation of the Turbulence Left  
by a Poorly Streamlined Body in a Uniform Flow and a Turbulent Free Stream,"  
Alma-Ata, 1959, 15 pp (Kazakh State Univ im S. M. Kirov) (KL, 4-60, 114)

PHASE I BOOK EXPLOITATION SOV/5290

Soveshchaniye po prikladnoy gazovoy dinamike. Alma-Ata, 1956

Trudy Soveshchaniya po prikladnoy gazovoy dinamike, g. Alma-Ata, 23-26 oktyabrya 1956 g. (Transactions of the Conference on Applied Gas Dynamics, Held in Alma-Ata, 23-26 October 1956) Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1959. 233 p. Errata slip inserted. 900 copies printed.

Sponsoring Agency: Akademiya nauk Kazakhskoy SSR. Kazakhskiy gosudarstvennyy universitet imeni S.M. Kirova.

Editorial Board: Resp. Ed.: L.A. Vulis; V.P. Kashkarov; T.P. Leont'yeva and B.P. Ustimenko. Ed.: V.V. Aleksandriyskiy. Tech. Ed.: Z.P. Rorokina.

PURPOSE: This book is intended for personnel of scientific research institutes and industrial engineers in the field of applied fluid mechanics, and may be of interest to students of advanced courses in the field.

Card 1/9

Transactions of the Conference (Cont.)

SOV/5290

COVERAGE: The book consists of the transcriptions Of 31 papers read at the conference on gas dynamics which was convened under the initiative of the Kazakhskiy gosudarstvennyy universitet imeni S.M. Kirova (Kazakh State University imeni S.M. Kirov) and the Institut energetiki Akademii nauk Kazakhskoy SSR (Institute of Power Engineering of the Academy of Sciences Kazakhskaya SSR) and held October 23-26, 1956. Three branches of applied gas dynamics were discussed, namely: jet flow of liquids and gases, aerodynamics of furnace processes, and the outflow of liquids. The practical significance of the "Transactions" of the conference consists in the adaptation of theory to methods of technical computation and measuring methods related to industrial furnaces and other industrial processes in which aerodynamic phenomena play a predominant role. Eight papers read at the Conference are not included in this collection for various reasons. The authors of the missing papers are: L.D. L'vov (Thermal and Aerodynamic Characteristics of Pulverized Coal Flame Burners) and A.A. Goleyevskiy (Outlines and Physical Models of the Jet Motion Mechanics of Fluids), N.I. Akatnov, Ye. P. Bogdanov, S.V. Buhman, T.K. Mironenko, A.B. Reznyakov, and G.V. Yakubov. L.G. Loytsyanskiy is mentioned as being in charge of a department of the Kazakh State University, and I.D. Malyukov, Candidate of Physical and Mathematical Sciences, Docent, as a member of the same university. References are found at the end of most articles.

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Transactions of the Conference (Cont.)

SOV/5290

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Abramovich, G.N. [Doctor of Technical Sciences; Professor; TsIAM imeni Baranova (Central Scientific Research Institute of Aircraft Engines imeni P.I. Baranov); Moskovskiy aviatcionnyy institut imeni Ordzhonikidze, Moskva (Moscow Aviation Institute imeni Ordzhonikidze, Moscow]. Turbulent Jets in a Flow of Liquid

5

Ginzburg, I.P. [Doctor of Physical and Mathematical Sciences; Professor; Gosudarstvennyy universitet imeni Zhdanova, Leningrad (State University imeni Zhdanov, Leningrad]. On the Outflow of Gases From Containers Through Pipes in the Presence of Friction and Local Resistances

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Transactions of the Conference (Cont.)

SOV/5290

Vulis, L.A. [Doctor of Technical Sciences; Professor; Kazakhskiy gosudarstvennyy universitet imeni Kirova; Institut energetiki AN KazSSR, Alma-Ata, (Kazakh State University imeni Kirov; Institute of Power Engineering Academy of Sciences Kazakh SSR, Alma Ata)]. Basic Results and Further Problems of Investigating Jet Motion of Liquids and Gases

29

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Kashkarov, V.P. [Candidate of Physical and Mathematical Sciences]. On Parallel and Contrary Motion of Two Uniform Flows of Compressible Gas

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Transactions of the Conference (Cont.)	SOV/5290
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Katsnel'son, B.D. [Candidate of Technical Sciences; Docent; Tsentral'nyy kotloturbinnyy institut imeni Polzunova, Leningrad (Central Turbine and Boiler Institute imeni Polzunov, Leningrad)]. Some Problems of the Aerodynamics of Furnace Cyclone Chambers and of the Combustion of Coal Powder Pulverized Coal	123

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Reznyakov, A.B. [Doctor of Technical Sciences; Institut energetiki (Institute of Power Engineering)]. Uniflow Flame of Pulverized Coal	160
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AVAILABLE: Library of Congress

Card 9/9

AC/rn/mas  
7-29-61

ISATAEV S. I., KASHKAROV, V. P., VULIS, L. A. (Alma-Ata)

"The Propagation of Viscous Streams (Jets) on the Surface of Bodies."

report presented at the First All-Union Congress on Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb 1960.

ISATAYEV, S. I.

Research into the Motion of a Stream Along the Surface of a Body.  
p. 143

TRANSACTIONS OF THE 2ND REPUBLICAN CONFERENCE ON MATHEMATICS AND MECHANICS  
(TRUDY VTOROY RESPUBLIKANSKOY KONFERENTSII PO MATEMATIKE I MEKHANIKE), 184  
pages, published by the Publishing House of the AS KAZAKH SSR, ALMA-ATA, USSR, 1962

L 38785-66 ENP(m)/ENT(1) WW  
ACC NR: AT6023757

SOURCE CODE: UR/3149/66/000/003/0179/0198

49

BT

AUTHOR: Akylbayev, Zh. S.; Isatayev, S. I.; Krashtalev, P. A.; Masleyeva, N. V.

ORG: Kazakh State University im. S. M. Kirov (Kazakhskiy gosudarstvennyy universitet)

TITLE: The effect of choking of a flow on the local heat transfer

SOURCE: Alma-Ata. Kazakhskiy nauchno-issledovatel'skiy institut energetiki. Problemy teploenergetiki i prikladnoy teplofiziki, no. 3, 1966, 179-198

TOPIC TAGS: coefficient of a uniformly heated cylinder, heat exchanger, propulsion,  
heat transfer coefficient

ABSTRACT: An experimental study was made of the effect of choking an air stream in a rectangular duct (150 mm x 150 mm x 900 mm) by heated cylinders positioned transversely 250 mm from the duct inlet. The pressure distribution on the cylinder surface and the local and mean heat transfer coefficients were determined at various choking coefficients  $q$  expressed in terms of the ratio of the cylinder diameter to the width of the duct. Theoretical and empirical formulas were derived for determining the local heat transfer coefficients close to the frontal critical point for  $q$  ranging from 0 to 0.9 and at Re numbers of  $10^3$ — $2 \cdot 10^5$ . A sharp variation in the local heat transfer coefficient was found in the rear region of the cylinder at  $q = 0.52$ — $0.63$ . To explain this phenomenon, further aerodynamic investigations of the turbulent pulsations in the wake are required. Orig. art. has: 36 formulas and 12 figures.

[PV]

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 010/ OTH REF: 014/

Card 1/1

L 451.9-66

EWT(1)/EWP(m) WW  
ACC NR: AT6023758

SOURCE CODE: UR/3149/66/000/003/0199/0210

AUTHOR: Isatayev, S. I.; Zhenabayev, Z. Zh.

ORG: Kazakh State University im. S. M. Kirov (Kazakhskiy gosudarstvenny universitet)

TITLE: Experimental study of heat transfer with jet flow around a cylinder

SOURCE: Alma-Ata. Kazakhskiy nauchno-issledovatel'skiy institut energetiki. Problemy teploenergetiki i prikladnoy teplofiziki, no. 3, 1966, 199-210

TOPIC TAGS: convective heat transfer, jet flow

ABSTRACT: The diameter of the experimental cylinder was varied from 78.7 to 270 mm, the velocity of the jet at the exit of the nozzle from 10 to 70 meters/sec, and the width of the nozzle orifice from 10 to 150 mm. A diagram of the apparatus is shown. Data on the distribution of the local heat transfer coefficient are given in graphic form. They show that, at distances  $x/b \leq 12$ , there is a laminar boundary layer near the forward critical point. At a small distance from the forward critical point the boundary layer becomes turbulent; as a result, the

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L 45118-66 EWT(1)/EMP(m) IJP(c) WW  
ACC NR: AT6023760

SOURCE CODE: UR/3149/66/000/003/0232/0241

AUTHOR: Isatayev, S. I.; Terasov, S. B.

ORG: Kazakh State University im. S. M. Kirov (Kazakhskiy gosudarstvennyy universitet)

TITLE: Electron beam spectrometer for study of the spectra of turbulent pulsations in flows

SOURCE: Alma-Ata. Kazakhskiy nauchno-issledovatel'skiy institut energetiki, Problemy teploenergetiki i prikladnoy teplofiziki, no. 3, 1966, 232-241

TOPIC TAGS: turbulent flow, spectrometer

ABSTRACT: Industrial frequency analyzers of the ASChKh-1 type have a working frequency range from 20 to 20,000 cycles, which is appropriate for the study of turbulent pulsations in flows. However, it is known that the spectral function of turbulent pulsations falls sharply toward the high frequency side; therefore, the indications of an analyzer which has a uniform amplification over the whole spectrum do not give a sharp picture at high frequencies. The article shows details of the electrical circuits of a newly developed unit which overcomes this shortcoming (See Fig. 1).

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L 45118-66

ACC NR: AT6023760

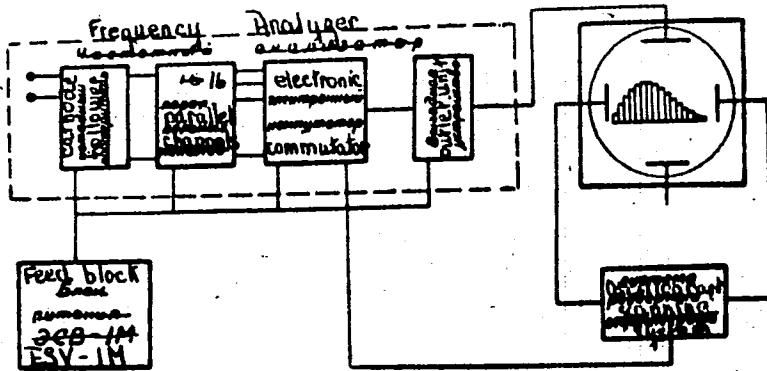


Fig. 1. Block diagram of electron beam spectrometer.  
In addition to the electric circuits, the article gives a table showing  
the resonance frequencies of the band filters for the 16 different  
channels. Orig. art. has: 3 figures and 1 table.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 003

Card 2/2 mjs

ISATAYEVA, B.: "Arterial and venous pressure in general ether narcosis and local infiltration anesthesia in gynecological operations." Kazakh State Medical Inst imeni V. M. Molotov. Alma-Ata, 1956. (Dissertations for the Degree of Candidate in Medical Sciences).

SO: Knizhnays Letopis' No. 22, 1956

ISATAYEVA, B.I.

Effect of ether and infiltration anesthesia on arterial and venous blood pressure in gynecological operations. Zdrav.Kazakh. 16 no.12: 27-29 '56. (MIRA 10:2)

1. Iz kafedry akushерstva i ginekologii pediatricheskogo i sanitarno-gigiyenicheskogo fakul'tetov (zaveduyushchiy kafedroy - professor K.D.Utegenova) Kazakhskogo gosudarstvennogo meditsinskogo instituta im. V.M.Molotova.

(GYNECOLOGY, OPERATIVE) (ANESTHESIA) (BLOOD PRESSURE)

ISATAYEVA, B.<sup>I.</sup>, CAND MED SCI, "ARTERIAL AND VENOUS  
PRESSURE IN INHALATION ETHER NARCOSIS AND LOCAL IN-  
FILTRATION ANESTHESIA IN GYNECOLOGICAL OPERATIONS."  
ALMA-ATA, 1960. (KIRGIZ STATE MED INST). (KL, 3-61,  
232).

417

ISATAYEVA, B.I., UTEGENOVA, K.D. ( ALMA-ATA )

DEArterielle und venose Druck bei gynalogischen Operationen.

Report submitted for the 3rd World Congress, Intl. Federation of  
Gynaecology and Obstetrics, Vienna, Austria, 3-9 Sep 1961.

USPENSKAYA, V.D.; TRAPEZNIKOVA, S.S.; ISAULova, M.V.; ZYKOVA, V.P.

Identification of  $\alpha_3$ -protein in dogs with a haptoglobin. N- and C-terminal groups of  $\alpha_3$ -protein. Dokl. AN SSSR 152 no.3:754-757 S '63. (MIRA 16:12)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR.  
Predstavлено академиком V.A. Engel'gardtom.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618810019-7

ISAVIN, V.A., inzh.-kapitan; KOROLEV, V.P., inzh.-kapitan

Organization of lessons in combat activity. Vest.protivovozd.obor.  
no.9:21-23 S '61. (MIRA 14:8)  
(Military engineering--Study and teaching)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618810019-7"

CHAPCHAYEV, A.A., kand.tekhn.nauk; ISAVNIN, G.S.

Testing feeding systems with continuous gasoline injection into  
the inlet pipe. Avt.prom. no.3:28-30 Mr '61. (MIRA 14:3)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni  
nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.  
(Automobiles—Fuel systems)

CHAFCHAYEV, A.A., kand.tekhn.nauk; ISAVNIN, O.S.; MASKENSKOV, K.M.

Gasoline-injection engine. Avt.prom. 28 no.5:8-9 My '62.

1. Gosudarstvennyy soyuзnyy ordena Trudovogo Krasnogo Znameni  
nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut  
i Gor'kovskiy avtozavod. (MIRA 15:5)

(Automobiles—Engines)

TERMOLAYEV, P.S.; ISAVMIN, G.S.; NEKRYLOV, V.M.

Investigating torsional vibrations of the crankshaft of an engine.  
Avt.prom. 31 no.10:4-7 0 '65.

1. TSentral'nyy nauchno-issledovatel'skiy ordena Trudovogo  
Krasnogo Znameni avtomobil'nyy i avtomotornyy institut i Moskovskiy  
avtozavod imeni Likhacheva.

(MTRA 18:10)

MARGOLIS, A.M., promyshlenno-sanitarnyy vrach, YUVZHENKO, F.I.; GUSLITS, I.G.,  
zasluzhennyj vrach RSFSR; ISAVNIN, L.S., inzh.; KOVRIGIN, S.D.,  
SHISHKIN, I.A., kand.tekhn.nauk; KOLKER, R.M., inzh. (Leningrad)

Noise is our enemy. Zdorov'e 8 no.10:22-24 0 '62. (MIRA 15:10)

1. Glavnny sanitarnyy vrach Kiyeva (for Yuvzhenko). 2. Nachal'nik  
Moskovskoy shumometricheskoy stantsii (for Isavnnin).  
(NOISE CONTROL)

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618810019-7

ISAVNIN, L.S.; KOVRIGIN, S.D.

Practice in controlling industrial noise and vibrations.  
Mashinostroitel' no.8:22-34 Ag '63. (MIRA 16:10)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618810019-7"

KONDRASHOV, V.; ARSHINOV, L., kapitan; ISAY, V., prepodavatel'

"Caspian Sea, its past, present, and future" by O.IU. Omarov.  
Reviewed by V. Kondrashov, L. Arshinov, V. Isai. Mor.flot 22  
no.1:47 Ja '62. (MIRA 15:1)

1. Uchenyy sekretar' Dagestanskogo filiala AN SSSR (for Kondrashov).
2. Makhachkalinskiy port (for Arshinov). 3. Dagestanskiy  
gosudarstvennyy universitet imeni V.I. Lenina (for Isay).

(Caspian Sea)  
(Omarov, O.IU.)

14(10)

SOV/98-59-5-8/21

AUTHOR: Isay, V.M., Engineer

TITLE: The Dumping of Stone Into the Water at the Construction  
of Breakwaters and Moorings

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1959, Nr 5,  
pp 32-33 (USSR)

AUTHOR: The author describes the old method of dumping stone  
by hand from barges and the new method of lowering  
them down in metal containers of from 5 to 15 cu m  
capacity, by cranes of up to 100 tons lifting capacity.  
The new method, apart from saving time, enables a  
better distribution of the stone under water. There  
are 2 diagrams and 3 Soviet references.

Card 1/1

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618810019-7

SHIKHIYEV, F.M.; ISAY, V.M.

Seismic ground pressure. Trudy Otd. energ. Dag. fil. AN SSSR. 1  
no.1:3-12 '62. (MIRA 17:7)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618810019-7"

ISAY, V.M.

Theoretical and experimental study of pier structures subject  
to the action of horizontal forces. Trudy Otd. energ. Dag. fil.  
AN SSSR. 1 no.1:25-44 '62.

Study of resilient bollards. Ibid. #45-49

(MIRA 17&7)

ISAY, V.M.; POGORELOV, A.A.

Some special features in conducting underwater construction  
operations. Trudy Otd. energ. Dag. fil. AN SSSR, l no. 1:50-54  
'62. (MJRA 17:7)

ISAY, V.Z.; DUBKO, A.I., mekhanik; ROGALEV, B.M., starshiy prepodavatel'

Operation of the evaporation system on the icebreaker "Sibir".  
Biul. tekh.-ekon. inform. Tekh. upr. Min. mor. flota 7 no.8:  
25-30 '62. (MIRA 16:5)

1. Starshiy mekhanik ledokola "Sibir" (for Isay). 2. Leodokol  
"Sibir" (for Dubko). 3. Vyssheye voyenno-inzhenernoye morskoye  
uchilishche (for Rogalev).  
(Ice-breaking vessels) (Boilers, Marine)

ISAYAN, M.V.; BABAYAN, G.A.

Intranasal alcohol - novocaine injection in some eye diseases.  
Zhur. eksp. i klin. med. 3 no.4:69-76 '63 (MIRA 16:12)

1. Kafedra glaznykh bolezney Yerevanskogo meditsinskogo instituta.

Isayan, T.S.

AUTHOR: Isayan, T.S., Candidate of Philosophical Sciences (Town of Yerevan) 25-8-23/42

TITLE: A.I. Gertsen on Religion (A.I. Gertsen o religii)

PERIODICAL: Nauka i Zhizn', 1957, # 8, p 44 (USSR)

ABSTRACT: The Russian writer, A.I. Gertsen, to a large extent promoted the development of atheistic ideas in the 19th century. On the basis of the achievements reached in natural sciences and materialistic philosophy, he denied the creation of the world by God, as well as the immortality of the soul, which he claimed to be non-existent. He attached great importance to instructing the masses in natural sciences in order to free them from all prejudices resulting from false religious conceptions. In his work "Past and Thoughts" (Byloje i dumy) he stated, that without natural sciences there would be no salvation for modern people.

AVAILABLE: Library of Congress

Card 1/1

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618810019-7

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"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618810019-7

GORBATOVA, A.N.; ISAYCHEV, V.V.

Hydraulic testing of wells and the determination of reservoir  
parameters. Nauch.-tekhn. zber. po dob. nefti no.19:56-60 '63.  
(MIRA 17:8)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618810019-7"

ISAYCHEVA, A. N., GORODILOVA, L. I. and SHIKHOBALOVA, N. P.

"The Role of the Process of Migration of the Population in the Epidemiology of Trichocephalosis and Ascaridiasis", Med. Faraz. i Paraz. Bolez., Vol. 17, No. 2, pp 126-31  
1948.

ISAYENKO, A.A.

For mechanization promoters in agriculture. Mashinostroitel'  
no.2:4-6 F '60. (MIRA 13:5)

1. Zamestitel' nachal'nika Spetsial'nogo konstruktorskogo  
byuro zavoda "Rostsel'mash."  
(Agricultural machinery--Technological innovations)

1965-66

ACC NR: AP5025751

SOURCE CODE: UR/0286/65/000/018/0099/0099

AUTHORS: Strokov, S. A.; Isayenko, A. A.; Lugovoy, V. P.; Lyubitskiy, A. N.;  
Perunov, D. G.; Potapenko, V. L.

ORG: none

TITLE: Attachment to hay stacker-loader for loading of mineral fertilizers and  
other chemicals on planes and other transports. Class 45, No. 174870 [announced by  
Government Special Construction Office on Grain Removal Machinery (Gosudarstvennyye  
spetsial'noye konstruktorskoye byuro po kompleksu zernouborochnykh mashin).] 193  
23

SOURCE: Byulleten' izobreteniij i tovarnykh znakov, no. 18, 1965, 99

TOPIC TAGS: agricultural machinery, chemical loading, tractor attachment, agriculture

ABSTRACT: This Author Certificate presents an attachment to a hay stacker-loader for  
loading of airplanes and other transports with mineral fertilizers and granular  
chemicals. The attachment includes a working member in the shape of a scoop with  
connecting elements to the lifting boom of the loader (see Fig. 1). For loading of  
mineral fertilizers and grain chemicals, the tractor boom is equipped with a hinged  
extension frame for attachment of the scoop which is equipped with a door on the  
discharge side of the scoop. The door can be activated by the operator. A second  
version has the scoop pivot located at the top portion of the scoop to provide greater  
opening of the discharge opening. A third feature provides stops on the

Card 1/2

UDC: 631.364.7:631.82

L 7965-66

ACC NR: AP5025751

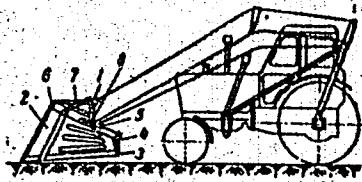


Fig. 1. 1- extension frame; 2- scoop; 3- unloading opening;  
4- door; 5 and 7- hydraulic cylinders; 6- front brackets;  
8- supports

extension frame to limit scoop rotation. Orig. art. has: 1 figure.

SUB CODE: IE/ SUBM DATE: 29May64

BC

Card 2/2

ISAYENKO, A.L., inzh.

Batch-type laboratory mixers. Khim.mashinostr. no.3:7-8 '63.  
(MIRA 16:11)

I SAYENKO, A V.

*— und die Wahrheit ist, —* *Was ist das für ein Mensch?*  
*— Ich bin ein Mensch,*

the angle between the conductor and the vertical. A second important factor is the magnitude of the angle, reducing the value of short-circuit and insulation. This is particularly important for branches serving large consumers behind which a conductor is situated. It is necessary to pay attention. The investigation proves that the optimal angle of branching is about 45°. At this angle the optimum value of the short-circuit current is obtained, as well as the minimum power supplied to the load. The angle of branching is also important for the reliability of the system. The smaller the angle, the greater the probability of a short-circuit occurring.

Kirkby Lonsdale, West Morecambe, Cumbria, UK  
Sel'skoga Kyrkyrorna.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618810019-7

ISAYENKO, A.V., inzh.; PLYUGACHEV, V.K., kand.tekhn.nauk

No-load disconnecting of large power transformers using disconnect switches. Elek.sta. 29 no.3:79-81 Mr '58. (MIRA 11:5)  
(Electric transformers) (Electric switchgear)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000618810019-7"

ISAYENKO, A.V.

91-58-7-4/27

AUTHOR: Zul', N. M., Plyugachev, V. K., Candidates of Technical Sciences,  
Isayenko, A.V., Kozyulin, A.S., Kurtsvayl', G.I., Bernshteyn, L.Kh.,  
Yeganov, B.N., Engineers

TITLE: The Protection of Branches of 6 to 10 kv Lines (O zashchite otpayek  
ot liniy 6-10 kv).

PERIODICAL: Energetik, 1958, Nr 7, pp 11-18 (USSR).

ABSTRACT: The editor prints the comments on articles dealing with the above problem published by P. V. Ternikov in "Energetik", Nr 4, 1956 and by M. Yu. Shukhatovich in "Energetik", Nr. 6, 1957. N. M. Zul', Candidate of Technical Sciences says that most of the 6 to 10 kv rural distributing networks with radial long distance branched lines are protected only at the terminal switch. To increase the reliability of the electric power supply, it is recommended to tap the lines widely utilizing safety fuses. Combining main line safety fuses with those of branch lines, as well as with automatic reclosing systems is very advisable. This method is described in detail. The following devices can be utilized: "UGP-51" or PG-10" types for automatic reclosing; "IT-81" type relay, direct release relays and safety fuses of "PSN" or "PK" type. Experimental samples of reclosing safety fuses have been

Card 1/3

## The Protection of Branches of 6 to 10 kv Lines

91-58-7-4/27

worked out and manufactured at "VET" and "VIESKh" on the basis of "PK" type fuses, and the 10 kv line switch of pole type with simple instantaneous and automatic load reclosing of single-phase model with nominal currents of 5 to 20 amp. and breaking capacity of 5 mega volt-amperes has been worked out by the "Uralelektroapparat" plant. V. K. Plyugachev, Candidate of Technical Sciences and A. V. Isayenko, Engineer, examine lines with dead branches. The automatic reclosing system cannot be utilized in this case. The exact solution can be obtained only by determining the failure-rate of lines and other elements of electric power supply. The average failure-rates of certain elements of networks are contained in a table and the method of determining the breakdown loss of electric energy on lines with automatic reclosing system and branches without safety fuses is described in detail. A. S. Kozyulin, Engineer, indicates that in a network rayon containing lines of a few hundred kilometers length, over a 5 year period, 80% of the failures were caused by short-circuits to the earth. Inter-phase short-circuits were caused mainly by a fall of line supports. G. I. Kurtsvayl', Engineer, says that most branched town distributing networks of 6 to 10 kv have a radial power

Card 2/3

The Protection of Branches of 6 to 10 kv Lines

91-58-7-4/27

supply, and that subscriber's branch lines can be connected with main lines only by disconnectors. Such lines are located with 2 to 3.5 megawatts and their total length attains 3 to 5 km. They are connected with 25 to 35 transformers, which are protected only at the switch of line terminal section coming from the bars of the rayon substation. Such lines are to be connected with subscribers by means of "PK" type safety fuses and power disconnectors (load switches) of "VN-16" type in closed rooms of "PT" type or by means of "PSN-10" type safety fuses in outdoor installations. L.Kh. Bernsteyn, Engineer, writes that long distance branched networks of 6 to 10 kv with radial power supply can be protected by safety fuses, but the latter must be combined with disconnectors for subdividing main lines. However, the design of pole safety fuses described by P.V. Ternikov is not to be recommended.

B.N. Yeganov, Engineer, writes that the protection of branched 6 to 10 kv main lines can be carried out in many variants utilized according to the total length of the main line. There are 2 figures, 1 graph, 2 tables and 3 Soviet references.

Card 3/3

1. Transmission lines--Overload protection    2. Fuses (Electricity)  
--Equipment    3. Electric switches--Equipment

ROZHAVSKIY, S.M., kand.tekhn.nauk, dotsent; ISAYENKO, A.V., inzh.; MAKHOVA,  
V.A., inzh.

Concerning a certain possibility for automating unattended single-transformer substations with limited power output and electric cutouts in the output feeder lines. Izv. vys. ucheb. zav.; energ. 5 no.2:12-13 F '62. (MIR<sup>A</sup> 15:3)

1. Khar'kovskiy institut inzhenerov kommunal'nogo stroitel'stva,  
Predstavlena kafedroy gorodskoy energetiki i transporta.  
(Electric substations) (Automatic control)

IMSHENETSKIY, V.N., dotsent; ISAYENKO, A.V., inzh.

Decrease in the maximum current in an overcurrent protection system using operative a.c. with low-power transformers. Izv. vys. ucheb. zav.; energ. 6 no.8:22-28 Ag 63. (MIRA 16:9)

1. Khar'kovskiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva. Predstavlena kafedroy proizvodstva i raspredeleniya elektroenergii v sel'skom khozyaystve.  
(Electric power distribution)

ISAYENKO, A.V., inzh.

Decrease in the operational current in an overcurrent protection system having disconnecting coils with direct action fed by small power transformers. Izv. vys. ucheb. zav.; energ. 7 no.2:78-80 F '64. (MIRA 17:3)

1. Khar'kovskiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva. Predstavlena kafedroy proizvodstva i raspredeleniya elektroenergii v sel'skom khozyaystve.

IMSHENETSKIY, V.N., dotsent; ISAYENKO, A.V., inzh.

UKZ-type charge compensating device. Izv. vys. ucheb. zav.; energ.  
7 no.9:83-86 S '64.

(MTRA 17:11)

1. Khar'kovskiy institut mekhanizatsii i elektrifikatsii sel'skogo  
khozyaystva. Predstavlena kafedroy proizvodstva i raspredeleniya  
elektroenergii v sel'skom khozyaystve.

IMSHENITSKIY, V.N., docent; ISAYENKO, A.V., Inzh.

Automation of the preparation of a drive for the reclosing of a  
sectionalizing switch. Izv.vys.ucheb.zav.; energ. 8 no.12:84.  
(MIRA 19:1)  
87 D '65.

1. Khar'kovskiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva. Predstavlena kafedroy preizdatava i raspredeleniya elektroenergii v sel'skom khozyaystve. Submitted December 19, 1964.

Isayenko, B.

11-2  
876.503  
.17

UCHEBNIK KITAYSKOGO YAZYKA (CHINESE LANGUAGE TEXTBOOK, BY) B. ISAYENKO,  
N. KCPOTKOV I SOVETOV-CHEN'. MOSKVA, IZD-VO LITERATURY NA INOSTRANNYKH  
YAZYKAKH, 1954. 539 p. TABLES.

GATOV, A.G. [translator]; GINGOL'D, L.S. [translator]; GREBENNIKOVA, Ye.N., [translator]; ZANEGIN, B.N. [translator]; ZVONOV, A.A. [translator]; ISAYENKO, B.S. [translator]; KOTOV, A.V. [translator]; MAYZEROV, S.M. [translator] SAFONOVA, Z.M. [translator]; SOVETOV, I.I. [translator]; SOROKIN, V.P. [translator]; TSVETKOVA, T.Ya. [translator]; CHZHOU, Sun-yuan' [translator]; SOGOMONYAN, G.S. [translator], redaktor; SHAPOVALOV, V.I., tekhnicheskiy redaktor

[Socialist development in the Chinese village; a collection of articles prepared by the office of the Central Committee of the Chinese Communist Party] Sotsialisticheskii podzem v kitaiskoi dereveni; sbornik izbrannykh statei podgotovlen kantseliariiei TSK KPSS. Moskva, Izd-vo inostrannoi lit-ry, 1956. 502 p. (MLRA 9:10)  
(China--Agriculture)

ISAYENKO, E.P., inzh.

Effect of shifting mechanized crews on the cost of earthwork.  
Transp. stroi. 14 no.1:37-38, 49 Ja '64. (MIRA 17:8)

ISAYENKO, E.P.; SLOBODENYUK, P.S.; MIROSHNIK, B., red.

[Characteristics of the construction of roadbed in  
Siberia; lectures for the correspondence courses for  
engineers and technicians of the Novosibirsk Institute  
of Railroad Transportation Engineers] Osobennosti sooruzheniya zhelezodorozhnogo zemlianogo polotna v Sibiri;  
lektsii dlia zaочnykh kursov ITR pri NIIZhTe. Novosibirsk, Novosibirskii in-t inzhenerov zhel-dor. transp.  
1964. 54 p. (MIRA 18:7)

ISAYENKO, I., inzhener-polkovnik

Use of radioactive irradiation in the national economy. Tyl i snab.  
Sov. Voor. Sil. 21 no.8:85-88 Ag '61. (MIRA 14:12)  
(Radioisotopes--Industrial applications)  
(Radiation sterilization)

L 07508-67 EWT(1) SCTB DD  
ACC NR: AP6019551 (A)

SOURCE CODE: UR/0416/66/000/001/0033/0039

AUTHOR: Isayenko, I. (Major general)

12.  
13

ORG: none

TITLE: For the good of Soviet troops [Armed forces food rations]

SOURCE: Tyl i snabzh sov vooruzh sil, no. 1, 1966, 33-39

TOPIC TAGS: food, food preservation, military personnel

ABSTRACT: This article describes the improvements made in the allowances, quality, and assortment of food products issued to Soviet troops, training of cooks to turn out tasty dishes, improvements made in the packaging of food products to protect them against climatic conditions and to keep them from spoiling, and describes equipment for preparing food, baking bread, and storing and processing food products. Such equipment includes bread cutters, dishwashers, vegetable cutters, mobile bakeries, refrigeration trucks, and field kitchens. Now the troops rarely experience a shortage of technical devices of the food supply service. But this should not be the basis for complacency, since there is still much to be done to improve the tactical characteristics of the equipment, improve its quality, lengthen its service life, and to organize timely repairs. A further improvement of provisioning troops can be accomplished only by the efforts of all the workers of the food supply service, in which connection it is necessary to constantly and steadfastly improve their special training, introduce

Cord 1/2

L 07508-67

ACC NR: AP6019551

everything that is new and advanced, and to show a daily concern for the welfare and nutrition of the troops. Orig. art. has: 4 figures.

SUB CODE: 15,05/ SUBM DATE: none

06/

Card 2/2/m

AUTHOR: Isaenko, I.I., (V.U.Kh.I.N.)

144

TITLE: Continuous processing of tar on a single column aggregate.  
(Nepreryvnaya pererabotka smoly na odnokolonnom agregate.)

PERIODICAL: "Koks i Khimiya" (Coke and Chemistry),  
1957, No. 2, pp. 42 - 46, (U.S.S.R.)

ABSTRACT: Results of an experimental and later established practice  
of tar distillation on a simple single column plant with a  
small number of plates (up to 30) showed that 5 individual  
fractions can be satisfactorily separated. A description of  
the plant is given. There are 6 tables, 2 diagrams and  
2 graphs.

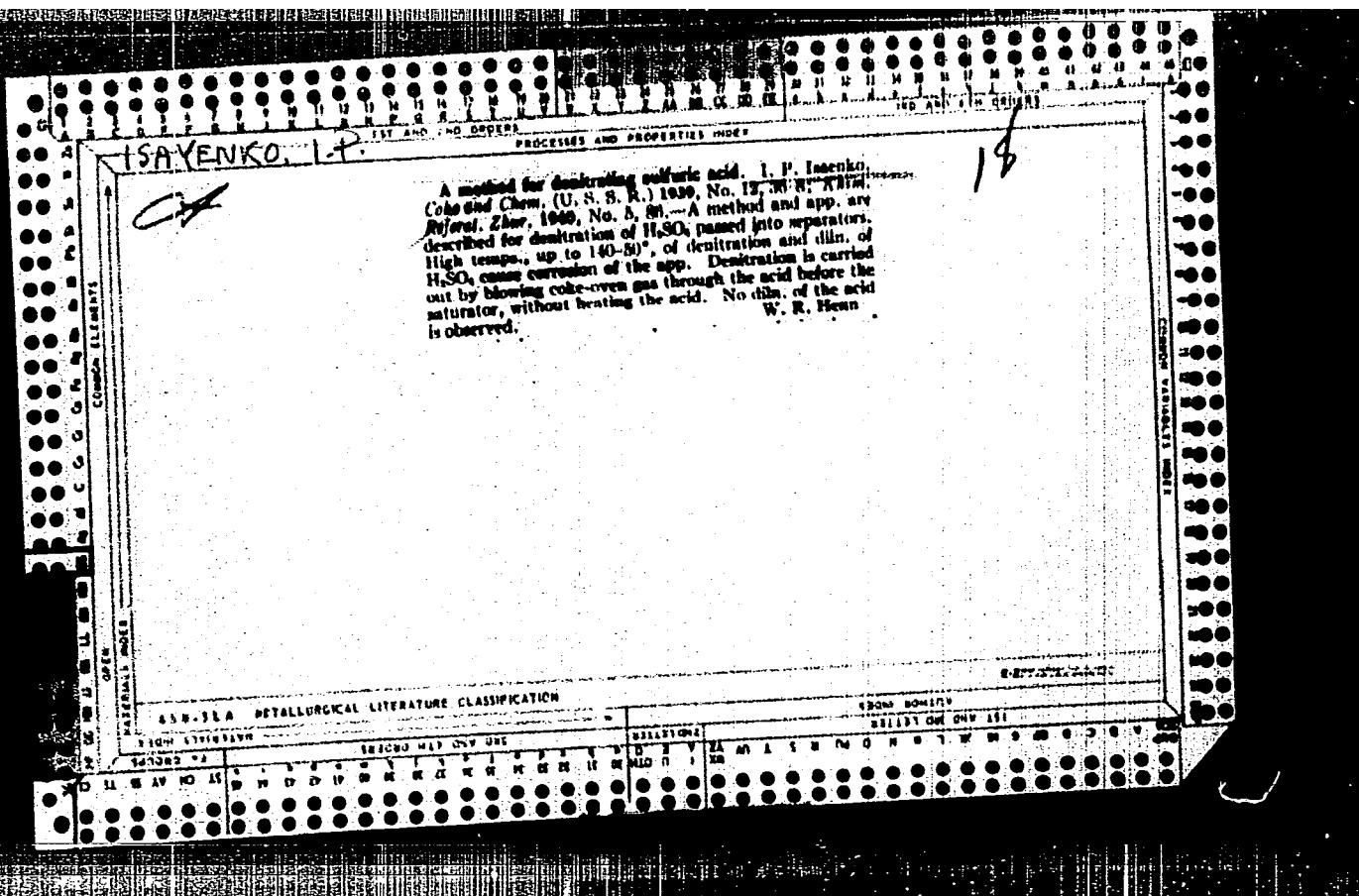
ANTYUKHA, V.S.; YAROSHENKO, I.M.; ISAYENKO, I.I.; BYKOVA, I.G.; KOVTUNA, M.V.;  
SHTYROVA, Ya.G.

Measures for reducing the amount of compressed air used in the  
factory. Prom. energ. 11 no.10:24-25. O '56. (MLRA 9:11)  
(Compressed air)

ISAYENKO, I.N., inzh.

Working three years without accidents. Bezop. truda v prom. 2 no.  
4:31 Ap '58. (MIRA 11:4)

1. Uchastkovyy inspektor Karpinskoy rayonnoy gornotekhnicheskoy  
inspeksii Sverdlovskogo okruga Gosgortekhnadszora.  
(Mine inspection)



*✓Condenser reboiling of tower with a one-column assembly  
S. P. Tsvetkov - Khimi i Khim. 1937, No. 2, All-Union Institute of Exp. and Ind. implemented with plant data have demonstrated the possibility of obtaining 50% separation with the use of a one column assembly with 30 plates. By heating the top to 380° in a tube furnace sufficient energy is supplied to the column without the addition of steam. A dephlegmator provides an adequate reflux of condensed vapors. Schematic drawings illustrate the set-up.*

SOV/68-58-11-15/25

AUTHORS: Isayenko, I.P., Kholoptsev V.P. and Zelenetskiy A.G.

TITLE: Methods of Improving the Distillation of Coal Tar (Puti uluchsheniya distillyatsii smoly)

PERIODICAL: Koks i Khimiya, 1958, Nr 11, pp 47-51 (USSR)

ABSTRACT: After a short outline of the two column tar distillation plant on the Chelyabinsk Works, designed by Giprokoksi (Fig 1), changes introduced in the distillation practice and resulting improvements in the yields and qualities of the individual fractions are described. The designed throughput of 14 tons/hr was increased to 19-20 tons/hr. Analyses of the individual fractions and their yields are shown in Table 1 and Fig 2; material balance of the distillation and the distribution of naphthalene and phenols between the individual fractions in Table 2.

Card 1/1 There are 2 tables, 2 figures and 1 reference (Soviet).

ASSOCIATION: Chelyabinskij metallurgicheskiy zavod (The Chelyabinsk Metallurgical Works), and VUKhin

SOV/68-58-12-11/25

AUTHORS: Isayenko, I.P., and Markacheva, T.M. (Candidate of Technical Science)

TITLE: A New Method of Producing Pure Anthracene and Carbazole (Novyy sposob polucheniya chistiykh antratsena i karbazola)

PERIODICAL: Koks i Khimiya, 1958, Nr 12, pp 35-41 (USSR)

ABSTRACT: A new method of producing 95% pure anthracene and carbazole from raw anthracene was developed and tested on a larger laboratory scale. The method consists of preparation from raw anthracene of a two component mixture of anthracene and carbazole by extraction of other admixtures with benzene. The separation of the binary mixture is done by rectification and subsequent washing of anthracene with benzene. The yield of anthracene and carbazole amounts to 70% of their content in raw anthracene. A scheme for the industrial production of anthracene and carbazole based on the above method is outlined (Fig 2) and compared with two other methods of production of pure anthracene developed by Giprokoksi (Koks i Khimiya, 1958, Nr 4, pp 35-42). A diagram of the schemes under comparison is given in Fig 3.

Card 1/2

A New Method of Producing Pure Anthracene and Carbazole

SOV/68-58-12-11/25

It is pointed out that the cost of production of anthracene by the proposed method (called the VUKhIN method) would be 2500 roubles/ton (ascribing all the expenses involved to anthracene) as against 5800 roubles/ton by the Giprokokks methods and the capital cost of the VUKhIN method is twice lower than that of the Giprokokks methods.

There are 4 tables and 3 figures.

ASSOCIATION: VUKhIN

Card 2/2

1. ISAYENKO, L.A.
  2. USSR (600)
  4. Science
  7. Natural science. Izd.2 Moskva, Uchpedgiz, 1952
- 
9. Monthly List of Russian Accessions, Library of Congress, February, 1953. Unclassified.

ISAENKO, Lyudmila Aleksandrovna; YAGODOVSKIY, K.P., professor, redaktor;  
NOVIKOV, Ya.A., redaktor; VEDENESYEV, Ye.A., tekhnicheskiy redaktor

[Natural science; structure and life of the human body. Textbook  
for class -7 of auxiliary schools] Estestvoznanie; stroenie i  
zhizn' chelovecheskogo tela. Uchebnik dlia 7-go klassa vspomogatel'-  
nykh shkol. Pod red. K.P.Yagodovskogo. Izd. 6-e. Moskva, Gos. uchebno-  
pedagog. izd-vo Ministerstva praveshcheniya RSFSR, 1954, 131 p.  
(Anatomy, Human) (MLRA 8:3)

ISAYENKO, L.A.; NOVIKOV, Ya.A., red.; RYBIN, I.V., tekhn.red.

[Natural science; plant life. Textbook for grade 5 of auxiliary schools] Estestvoznanie; zhizn' rastenii. Uchebnik dlia piatogo klassa vspomogatel'nykh shkol. Izd.3. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv.RSFSR, 1954. 159 p.

(MIRA 13:10)

(Botany)

ISAYENKO, Lyudmila Alekseyevna; YUDKOVSKAYA, Tamara Izrailevna; NOVIKOV,  
Ya.A., redaktor; SAKHAREVA, N.V., tekhnicheskiy redaktor

[Natural history; textbook for class-5 in schools for the deaf-mute] Estestvesnanie; uchebnik dlja 5-go klassa shkol glukhonomerykh.  
Izd. 2-ee. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosvjedenija RSFSR, 1955. 173 p. (MIRA 8:5)

(Natural history—Study and teaching)  
(Deaf--Asylums and education)

ISAYENKO, Lyudmila Alekseyevna; SAPOZHNIKOV, Ivan Konstantinovich; NOVIKOV,  
Ya.A., redaktor; SAKHAROVA, N.V., tekhnicheskiy redaktor; TSYPPO,  
P.V., tekhnicheskiy redaktor

[Natural science (life of animals); textbook for the 6th grade in  
auxiliary schools] Estestvoznanie (zhizn' zhivotnykh); uchebnik dlia  
6-go klassa vspomogatel'nykh shkol. Izd. 8-ee. Moskva, Gos. uchebno-  
pedagog. izd-vo Ministerstva prosveshcheniya RSPSR, 1956. 141 p.  
(Zoology) (MIRA 9:10)

ISAYENKO, L.A.; NOVIKOV, Ya.A., redakter; MIROWTSEVA, M.I., tekhnicheskiy  
redakter.

[Natural science (the life of plants); textbook for the fifth grade  
in auxiliary schools] Estestvoznanie (zhizn' rastenii); uchebnik  
dlia piatogo klassa vspomogatel'nykh shkolei. Izd. 4-eo. Moskva, Gos.  
uchebno-pedagog. izd-vo Ministerstva presveshcheniya RFSR, 1956.  
(Plants) (MIRA 9:5)  
146 p.

KOROTICH, A.S.; SLESARENKO, V.V.; ISAYENKO, L.V.; SHCHERBAK, Yu.N.

Some results in the control of brucellosis and prospects for its elimination in the Ukrainian S.S.R. Zmey. mikrobiol. epid. i immun. 31 no.2:104-107 D '60. (MIRA 14:6)

1. Iz Sanitarno-protivoepidemicheskogo upravleniya Ministerstva zdravookhraneniya USSR, Kiyevskogo instituta epidemiologii i mikrobiologii i Basseynovoy sanitarno-protivoepidemicheskoy stantsii Ministerstva zdravookhraneniya USSR.  
(UKRAINE-BRUCELLOSIS)

1. ISAYENKO, M. P.
2. USSR (600)
4. Shagali-Eliarskoye Region - Copper Ores
7. Shagali-Eliarskoye copper deposits in Northern Armenia; its structure, mineralogy, and origin. (Abstract.) Izv. Glav. upr. geol. fon. no. 2, 1947.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

ISAYENKO, M.P.; YUSHKO, S.A.

"Atlas of ore structures and textures." S.I. Taldykin,  
M.P. Goncharik, G.N. Naikseva, B.B. Rozina. Reviewed by  
M.P. Isaenko, S.A. Iushko. Izv.AN SSSR. Ser.geol. 21 no.9:  
115-116 S '56. (MLRA 9:11)

1. Moskovskiy geologo-rasvedochnyy institut imeni Sergo Ordzhonikidze.  
(Ores)

Isayenko, M. I.

USSR/ Geology - Minerals

Card 1/1 Pub. 46 - 8/11

Authors : Isayenko, M. P.; Chernysheva, L. V.; and Yushko, S. A.

Title : Critique and discussion. Foreign books on structures and textures of ores

Periodical : Izv. AN SSSR. Ser. geol. 1, 110 - 114, Jan 1956

Abstract : Critical review is presented of three American and Australian books by E. G. Bastin, G. M. Schwartz (USA) and A. B. Edwards (Australia) on the interpretation of textures and structures of mineral ores. Eight references: 5 USSR, 2 USA and 1 Australian (1928-1951).

Institution : Moscow Geol. Explor. Inst. im. Sergo Ordzhonikidze

Submitted : March 25, 1955

Isayenko, M.P.

USSR/Cosmochemistry. Geochemistry. Hydrochemistry. D

Abs Jour : Ref Zhur - Khimiya, No. 8, 1957, 26563.

Author : Isayenko, M.P.

Inst : Moscow Institute of Geology and Prospecting.

Title : To The Question of Genesis of Gypsum in Copper-Molybdenum Ores of Transcaucasia.

Orig Pub : Tr. Mosk. geol. razved. in-ta, 1956, 29, 102- 103.

Abstract : Excretions of gypsum were found in veinlet-disseminated ores of several Cu-Mo ore occurrences. Gypsum is usually developed in the oxidation zone and co-ordinated to regions of strongly cataclasized rocks - syenites, monzonites, granodiorites and quartz-diorites. Their initial mineralization appeared as veinlets, small pockets and impregnation of quartz, molybdenite, pyrite, chalcopyrite.

Card 1/2

ISAYENKO, M.P.

Carbonatization phenomena in Transcaucasian copper-molybde-  
num deposits. Izv.vys.ucheb.zav.; geol. i razv. 2 no.9:  
55-78 S '59. (MIRA 13:4)

1. Moskovskiy geologorazvedochnyy institut im. S.Oridhonikidze.  
(Transcaucasia--Carbonates)

ISAYENKO, M.P.

Enargite in copper-molybdenum and pyritic copper ores of Armenia. Izv.vys.ucheb.zav.;geol.i razv. 3 no.2:98-107 P '60.  
(MIRA 15:5)

1. Moskovskiy geologorazvedochnyy institut imeni Ordzhonikidze.  
(Armenia--Energite)

ISAYENKO, M.P.

Shapes of isolated pyrite in copper-molybdenum and molybdenum ores  
in Transcaucasia.. Trudy MGRI 37:111-115 '61. (MIRA 15:1)  
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In killed open-hearth steel O increased during pouring on the av. 1.9 times; for Bessemer killed steel, by 24%. Data are given also for rimming steel. In general, O content in molten metal increased during pouring by 18-60%.  
A. N. Petukhov

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SHCHIRENKO, N.S., professor, doktor tekhnicheskikh nauk; ISAYENKO, N.P.,  
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